We claim:

1 1.   A method of time calibration comprising the steps of:

2   determining a calibration time using system timing information and embedded

3   satellite timing information; and

4   transmitting the calibration time and a reference frame identifier, wherein the

5   reference frame identifier specifies a frame boundary derived from the system timing

6   information.

1 2.   A method of time calibration comprising the steps of:

2   receiving at a receiver a message having a calibration time and a reference frame

3   identifier, wherein the message is received over one or more frames; and

4   synchronizing the receiver to satellite timing using the calibration time, the

5   reference frame identifier and a reference point in a frame specified by the reference

6   frame identifier.